

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT(S):** Azeez Bhavnagarwala et al.  
**SERIAL NO.:** Not Yet Assigned  
**FILED:** Concurrently Herewith  
**FOR:** CIRCUITS AND METHODS FOR CHARACTERIZING RANDOM  
VARIATIONS IN DEVICE CHARACTERISTICS IN  
SEMICONDUCTOR INTEGRATED CIRCUITS

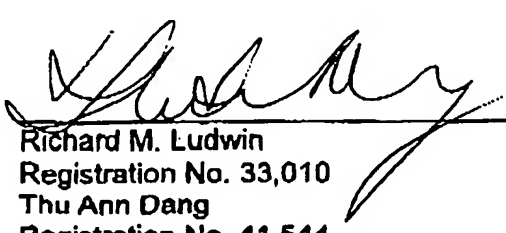
**ASSOCIATE POWER OF ATTORNEY**

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AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (*if only one name is listed below*), or an original, first and joint inventor (*if plural names are listed below*), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE:**           CIRCUITS AND METHODS FOR CHARACTERIZING RANDOM VARIATIONS IN DEVICE CHARACTERISTICS IN SEMICONDUCTOR INTEGRATED CIRCUITS

the specification of which either is attached hereto or indicates an attorney docket no. YOR920030289US1 (8728-635), or:

☐ was filed in the U.S. Patent & Trademark Office on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_,

☐ and (*if applicable*) was amended on \_\_\_\_\_,

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Priority Claimed:**

(Application Number)	(Country)	(Day/Month/Year filed)

(Application Number)	(Country)	(Day/Month/Year filed)

I hereby claim the benefit under Title 35, U.S. Code, §120 of any United States application(s), or §119(e) of any United States provisional application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, U.S. Code, §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, The Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)

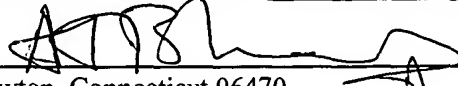
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)

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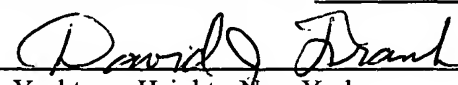
I, HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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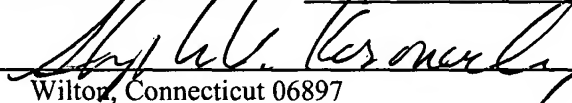
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